



State of North Carolina Office of Information Technology Services

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March 23, 2015

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North Carolina 911 Board

This status report summarizes project status for the Southern Piedmont and Mountains Orthoimagery 2015 Project funded by the NC 911 Board. The report summarizes project status for February 1- February 28, 2015.

Accomplishments

The accomplishments by the project team during the period include the following items organized by team member:

CGIA

- Held weekly project management activities with Project Team meetings
- Finalized the project website
- Received two and approved 1/5 survey reports
- Submitted requirements for imagery sample locations for up to 5-10% of the study area
- Continued to develop procurement for the VOICE contractor
- Developed and submitted horizontal quality control checkpoints
- Initiated data entry for contractor performance evaluations
- Outreach activities included the following:
 - February 11: Presented the status of the project to the Geographic Information Coordinating Council at its quarterly meeting
 - February 26-27: Presented on the project at the NC GIS Conference

NC Department of Transportation (NCDOT)

- Attended team strategy meetings
- Provided Technical Support for Project Planning
- Evaluated Vendor Technical Reports and Issued Advisory Reports for Flight Planning Tasks
- Evaluated Vendor Technical Reports and Issued Advisory Reports for NC Validation Range Tasks
- Evaluated Vendor Technical Reports and Issued Advisory Reports for Image Acquisition Tasks
- Develop NCDOT Tile Review Schema

NC Department of Public Safety: NC Geodetic Survey (NCGS)

- Attended team strategy meetings
- Performed CORS maintenance and upgrade
- Developed horizontal quality control plan
- Initiated procurement with QC contractors

Acquisition Vendors

This section summarizes the accomplishments of the five prime acquisition vendors selected through the Qualifications Based Selection (QBS) process. The selected vendors are Sanborn Map Company, Atlas Geographic Data, Surdex Corporation, Spatial Data Consultants, and Quantum Spatial. The fully executed contracts were awarded on December 17, 2014. Each of the contracts consists of seven primary tasks as follows:

Task 1 – Flight Planning

Task 2 – Imagery Acquisition

Task 3 - Aerotriangulation and Ortho Generation

Task 4 - Product Delivery and Data Acceptance

Task 5 – Quality Review and Resolutions Reporting

Task 6 – Image Service Hosting (VOICE Application QC Interface)

Task 7 – Closeout

Sanborn Map Company Data

- Task 1 – Flight Planning
 - Completed field survey and initiated Attachment C-1

Atlas Geographic Data

- Task 1 – Flight Planning
 - Completed 95% of field survey
 - Approved for 1/2 validation range sensors

Surdex Corporation

- Task 1 – Flight Planning
 - Submitted and approved for Attachment C-1

Spatial Data Consultants

- Task 1 – Flight Planning
 - Completed and approved for acquisition for the Validation Range
 - Completed survey control production and submitted Attachment C-1 pending approval
- Task 2 – Imagery Acquisition
 - Completed 50% of acquisition
 - Completed 30% of image post processing

Quantum Spatial

- Task 1 – Flight Planning
 - Completed 100% of field survey excluding Ft. Bragg
 - Developed and submitted point of contact data sheet and all requirements for Ft. Bragg
 - Delivered Validation Range Report

Schedule

The following represents the project's core deliverables milestones for plan and actual status:

Task	Item	Planned Start	Planned Finish	Actual Finish/Percent Complete
1	Project Initiation	7/1/2014	2/1/2015	
	Issue RFQ for Orthoimagery QBS	8/18/2014	8/18/2014	8/18/2014
	Closing date for RFQ responses	9/9/2014	9/9/2014	9/9/2014
	Contract NCGS	7/1/2014	9/1/2014	8/11/2014
	Contract NCDOT	7/1/2014	9/1/2014	7/21/2014
	Host workshop for selected applicants	10/29/2014	10/29/2014	10/29/2014
	Technical and cost proposals due	11/12/2014	11/12/2014	11/12/2014
	Negotiate with selected applicants	11/24/2014	11/24/2014	11/24/2014
	Proposed Kickoff Meeting	12/18/2014	12/18/2014	12/18/2014

	Contract QC Service Provider	2/1/2014	2/1/2014	
2	Planning and Design	10/15/2014	4/30/2015	
	CORS Upgrades	10/15/2014	3/1/2015	50%
	Validation Range	10/15/2014	1/15/2015	12/3/2014
	RTN Maintenance	10/15/2014	Ongoing	
	Flight planning and control surveys compliance documentation	12/19/2014	4/30/2015	
3A	Acquisition	2/15/2015	4/30/2015	
	Acquire 24 Counties	2/15/2015	4/30/2015	
3B	Acquisition Post-Processing	2/15/2015	7/31/2015	
	Specifications workshops, post processing, develop and approve compliance documentation	2/15/2015	7/31/2015	
4	Quality Review Production and Product Delivery	7/15/2015	1/31/2016	
	QC Production Cycle	8/1/2015	12/30/2015	
	Product Delivery	1/15/2016	1/31/2016	
5	Implementation	1/16/2016	3/30/2016	
	Implement the NC OneMap Geospatial Portal solution	2/1/2016	Ongoing	
	60 day End-User Evaluation	1/16/2016	3/30/2016	
6	Project Closeout	4/1/2016	6/30/2016	
	Final Data Packaging and Final Reports	4/1/2016	5/31/2016	
	Project Closeout	6/1/2016	6/30/2016	

Budget

The expenditures for the project are summarized below. Note the current reporting period represents February 1-February 28, 2015. The total budget for the project is \$ 3,719,332.

Item	This Reporting Period	Cumulative to Date	Percent Expended to Date
CGIA			
CGIA Labor	\$10,600.00	\$74,520.00	
ITS Hosting and Information Technology	\$0.00	\$0.00	
CGIA Travel	\$0.00	\$0.00	
CGIA Reimbursable Expenses	\$0.00	\$0.00	
CGIA Total	\$10,600.00	\$74,520.00	13.9%
Subcontractors			
NCDPS-NCGS	\$58,924.87	\$66,165.66	32.8%
NC DOT	\$4,604.78	\$24,029.85	15.0%
Sanborn	\$16,943.25	\$45,304.55	7.9%
Atlas	\$20,933.35	\$53,570.50	8.3%
Surdex	\$1,292.00	\$30,599.50	6.8%
Spatial Data	\$75,007.25	\$112,513.25	19.8%
Quantum Spatial	\$4,560.00	\$22,230.00	4.7%
ESRI	\$0.00	\$0.00	0.0%
VOICE	\$0.00	\$0.00	0.0%
Subcontractor Total	\$182,265.50	\$354,413.31	11.18%
Grand Total (for Project)	\$192,865.50	\$428,933.31	11.5%

Major Tasks Identified for March 2015

The emphasis of the project in March will be focused on the following major tasks:

CGIA

- Update project website
- Finalize scope of work and development procurement for VOICE
- Continue acquisition and process log file submittals for review
- Receive submittals and review deliverables for survey planning
- Receive submittals and review deliverables for the validation range
- Continue production with DCR for 2010 State Preservation
- Receive and approve contractor landcover submittals
- Other tasks include regular team meetings and ongoing outreach to federal, state and local partners

NCGS

- Attend weekly project meetings
- Support contractors to acquire the validation range
- Complete horizontal QC procurement
- Continue CORS upgrades
- Receive submittals and review deliverables for survey planning

NCDOT

- Attend weekly project meetings
- Evaluate technical and report deliverables

Private Subcontractors (Sanborn Map Company, Atlas Geographic Data, Surdex Corporation, Spatial Data Consultants, Quantum Spatial)

- Task 1 – Flight Planning
 - Continue to develop survey planning
 - Finalize validation range processing
- Task 2 – Imagery Acquisition
 - Initiate and continue acquisition
 - Develop initial landcover sample submittals
 - Continue imagery post processing

Project Issues

There are no financial or technical issues to prevent the team from completing the project on time and within budget.

Please contact me by phone at (919) 754-6588 or email at tim.johnson@nc.gov if you have questions about this report or about contractual or administrative aspects of the project. Contact Darrin Smith of CGIA at (919) 754-6589 or email at darrin.smith@nc.gov regarding technical matters related to the project.

Sincerely,



Tim Johnson, GISP
Director
Center for Geographic Information and Analysis